

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Application Number : 10/612,000 Confirmation No. 3369  
Applicant : Young Ho KIM et al.  
Filed : July 3, 2003  
Tech Cntr/AU : 2188  
Examiner : Craig E Walter  
Entitled : SYSTEM AND METHOD OF AN EFFICIENT  
SNAPSHOT TECHNIQUE FOR SHARED LARGE STORAGE  
Attorney Reference : 123056-05004464  
Customer Number : 43569

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT/RESPONSE TRANSMITTAL**

Transmitted herewith is an amendment/response for this application.

**SMALL ENTITY STATUS**

Applicant confirms that small business entity status is claimed in this application.

**EXTENSION OF TIME**

A petition for extension of time under 37 C.F.R. 1.136 is not believed necessary.

**CLAIM FEES**

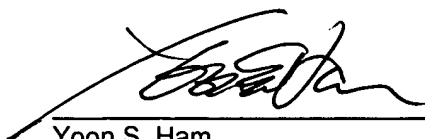
The claim fees have been calculated as follows:

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total	6	20	= 0	x \$ 25.00	= \$ 0.00
Independent	4	4	= 0	x \$ 100.00	= \$ 0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM+ \$					360.00 = \$ 0.00
TOTAL ADDITIONAL CLAIM FEE DUE					\$ 0.00

**FEE PAYMENT**

Authorization is given herein to charge the any deficiencies in the fees not specifically authorized herein, or to further credit any overpayments, to Deposit Account No. 503-121 in order to maintain the pendency of this application.

Intellectual Property Department  
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Date: August 22, 2005



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**RESPONSE TO RESTRICTION/ELECTION REQUIREMENT**

Sir:

In response to the Restriction/Election Requirement set forth in the Office Action mailed August 5 2005, Applicant elects Group I, claims 1-3, drawn to a system including an original mapping table and a snapshot mapping table utilizing a snapshot status bit and first allocation bit, classified in class 711, subclass 161, 162, with traverse.

Applicant respectfully traverses the restriction/election requirement. The claims of Group I (Claims 1-3) drawn to a system including an original mapping and a snapshot mapping table utilizing a snapshot status bit and first allocation bit, the claims of Group II (Claims 4-5) drawn to a method of creating and destroying a snapshot for on-line back up by locking and unlocking a mapping block and the claim of Group III (Claim 6) drawn to a method of performing a write operation to a data block of a volume in a network are closely related to each other and define a single invention. Further, Applicant respectfully submits that it would not be unduly burdensome for the Examiner to examine the claims of three groups. Applicant respectfully requests that claims 1-6 be examined.

An early Office Action on the merits is respectfully requested.

If a Petition for Extension is necessary and the petition and the is not enclosed, this will act as a petition to extend the time for response and authorization to charge the necessary fees under 37 CFR 1.17(a)-(d) to Deposit Account 503-121.

Respectfully submitted,

MAYER BROWN ROWE & MAW LLP

By: 

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